

Kansas Floodplain Web Map Instructions

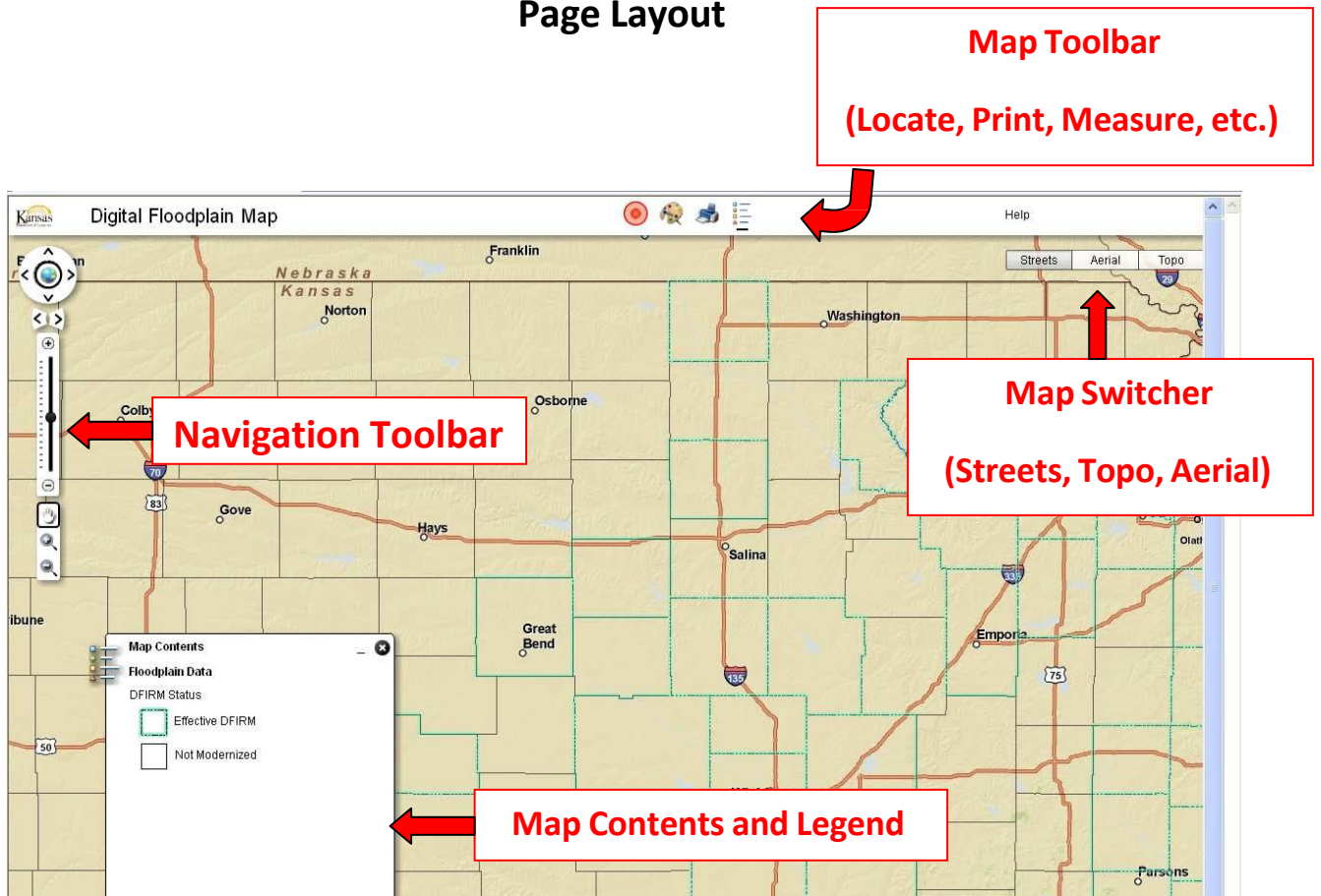
The Kansas Department of Agriculture- Division of Water Resources has developed web map applications to provide online access to digital floodplain data. The following instructions explain how to use the web applications and associated map tools. For more information or questions about these maps, please contact the Floodplain Mapping Specialist at 785-296-2513 or via email at tara.lanzrath@kda.ks.gov

[General Map Tools](#)

[Digital Floodplain Map](#)

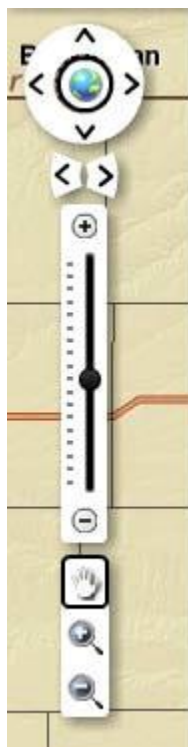
[Letters of Map Change](#)

Page Layout



General Map Tools

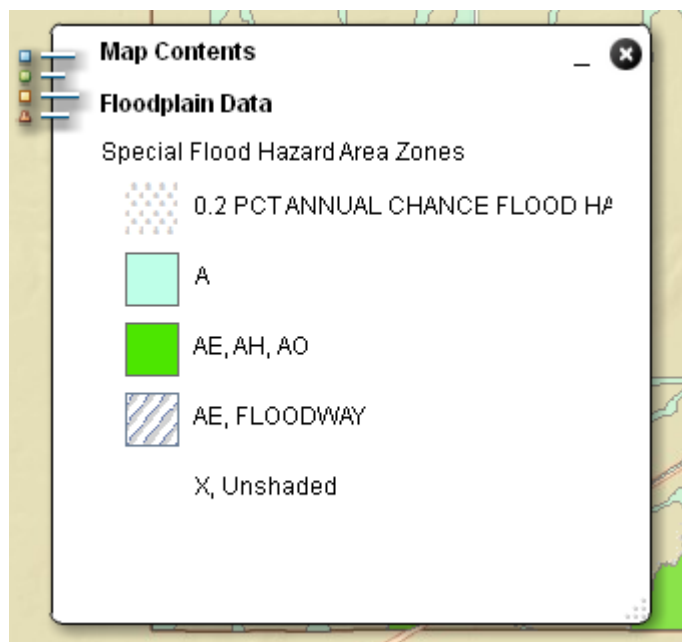
All of the KDA-DWR web map applications include a standard set of map tools to help navigate to the area of interest, zoom in and out, and return to the full extent of the map.



Zoom and Pan

- Clicking on the globe will return you to the full extent of the map, which is set to show the entire State of Kansas. Use the arrows to move left, right, up and down.
- Arrows below the globe (<>) are used to return to the previous or the next zoom location
- Sliding scale bar allows users to adjust the level of zoom
- Click the hand to pan around the map. Click on the map to grab it and while keeping the mouse clicked, drag the map to the desired view.
- Magnify glasses (+/-) zoom in or out of image. Click and drag to draw a box defining the new image extent.

Map Contents

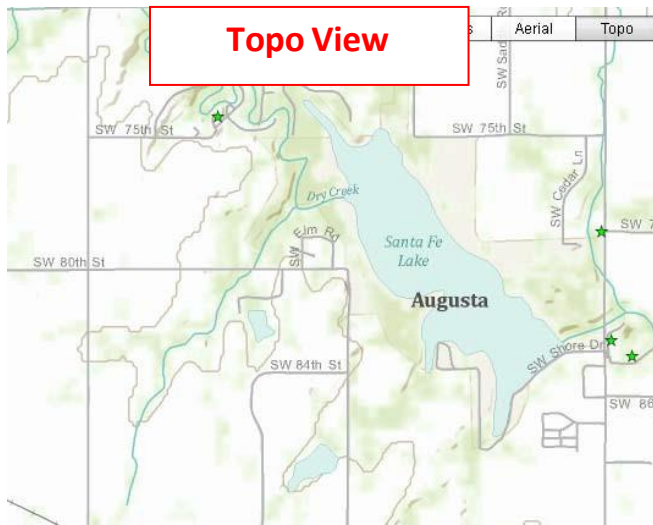
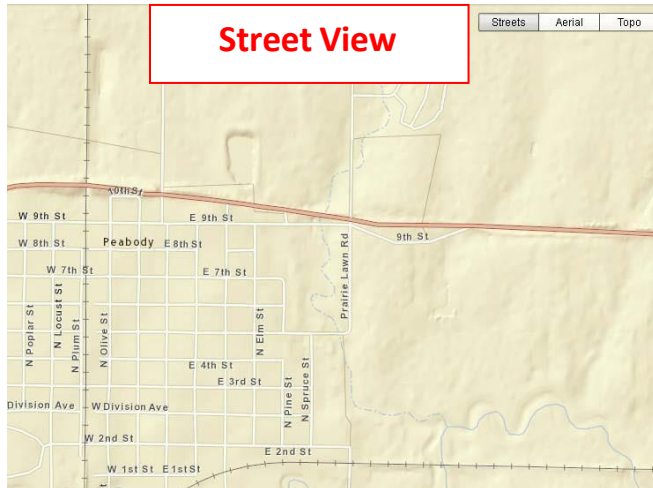


- Layer symbology is shown in the map contents box.
- Only the visible layers are displayed in the map contents.
- Some layers only show up when zoomed in to a smaller scale.
- The map contents box can be closed by clicking on the X in the upper right hand corner.
- To reopen the map contents box, click on the map contents icon in the toolbar at the top of the page.





Use the map switcher to switch between views.



- Base map image can be changed from the default “street” image to aerial view or topo view.
- Click the corresponding tab on the map switcher in the upper right hand corner of the map to switch between views.
- For all three views, the level of detail will increase as you zoom in on the map.
- The aerial imagery used is from ESRI, which is not always the most recent imagery available.
- For the most up to date imagery, check with your local community’s GIS office.



Click on the red bull's eye to find a location.

Search by Address

- Type in an address and click “Locate”.
- The map is zoomed to the location.
- To zoom in closer, click “Zoom to” in the popup box.
- To search for a different location, click “Clear” and type a new location.

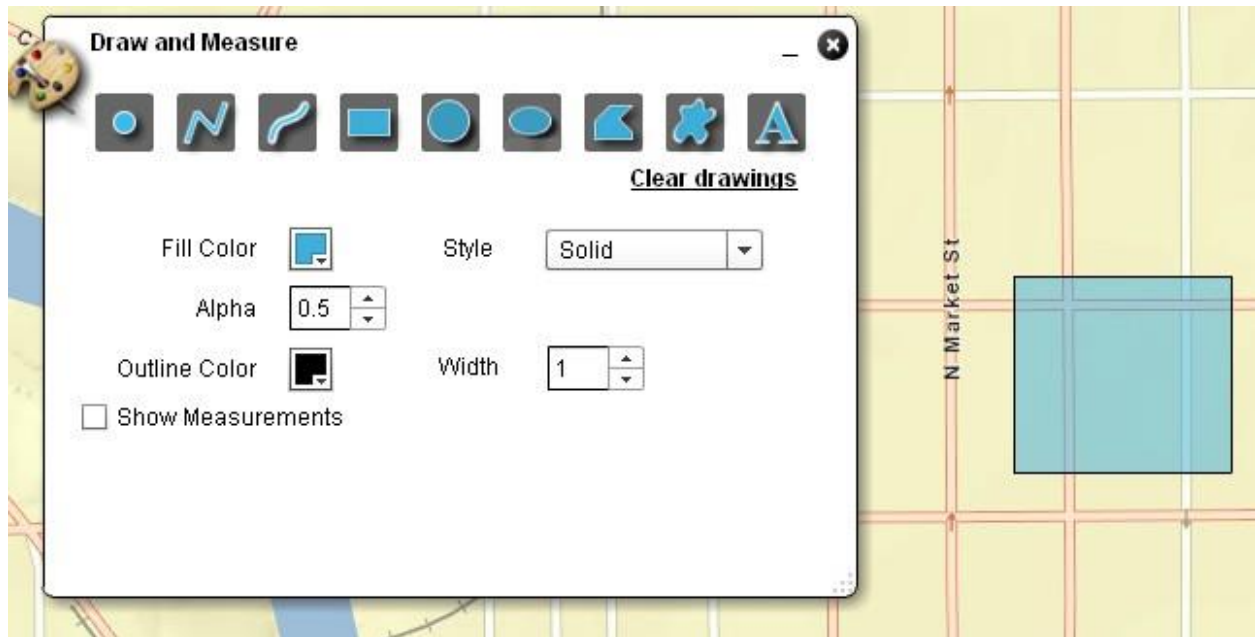
Search by Coordinates

- Click on the blue push pin icon to search by coordinates
- Coordinates should be in the decimal degrees format (see example in image on left)
- Type the latitude and longitude and click “Locate.”
- The map is zoomed to the location.
- To zoom in closer, click zoom to in the popup box.
- To search for a different location, click “Clear” and type a new location.



Click on the palette in the toolbar to use the draw and measure tool.

The Draw and Measure icon opens a window with a suite of drawing and annotation options for users to delineate areas and label the map.

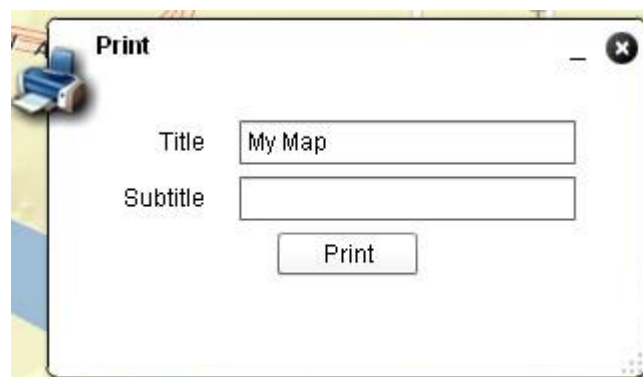


Once a line or polygon is drawn, select the show measurements button to view the area or length. Text can be added by selecting the “A” icon. To remove the annotation, click “clear drawings.”



Click on the printer in the toolbar to use print a map.

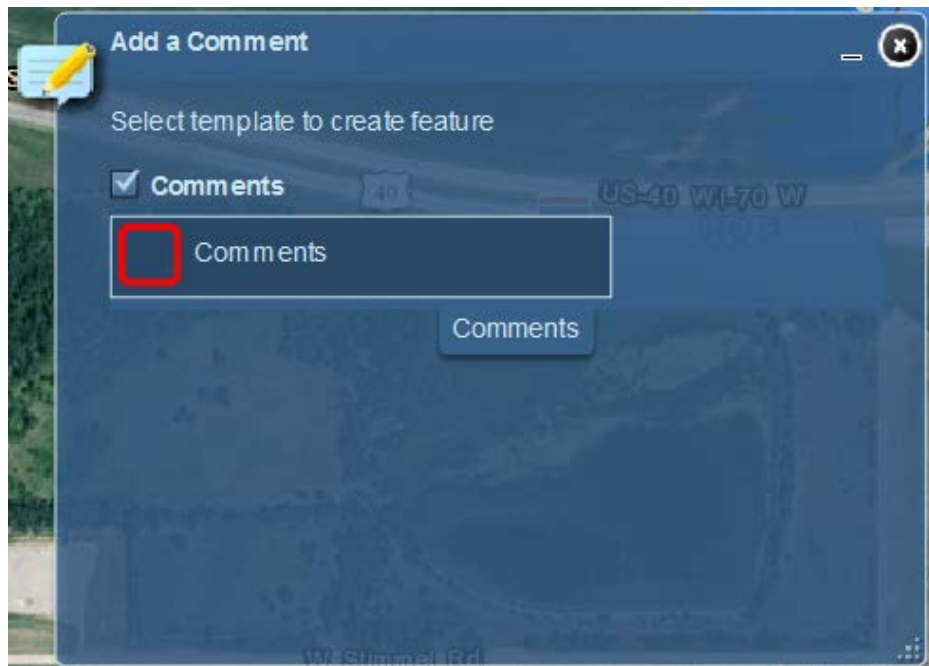
The print feature will print the map as it appears on the screen. Any drawings or annotation are included on the print out, but legends and layer information is not printed. Users can add a title to the map.



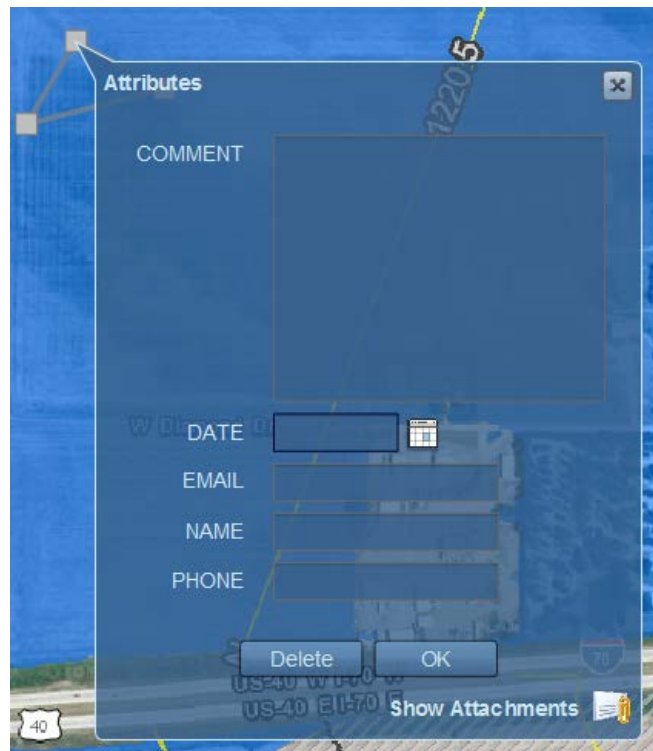
Making a Comment

(Draft Maps Only)

Click on the "Comments" Template under Add a Comment to start drawing on the map. Select the area on the map you wish to comment on, then click to start drawing and double click to end the drawing.



Please fill out the associated information in the Attributes window, and it will automatically create a record in our database. If you have any documentation to add, click on "Show Attachments" and you will be given the option to upload documents.



The 'Attributes' window is a semi-transparent overlay on a map. It contains a 'COMMENT' text area, a 'DATE' field with a calendar icon, and input fields for 'EMAIL', 'NAME', and 'PHONE'. At the bottom, there are 'Delete' and 'OK' buttons, and a 'Show Attachments' button with a document icon.

Attributes

COMMENT

DATE

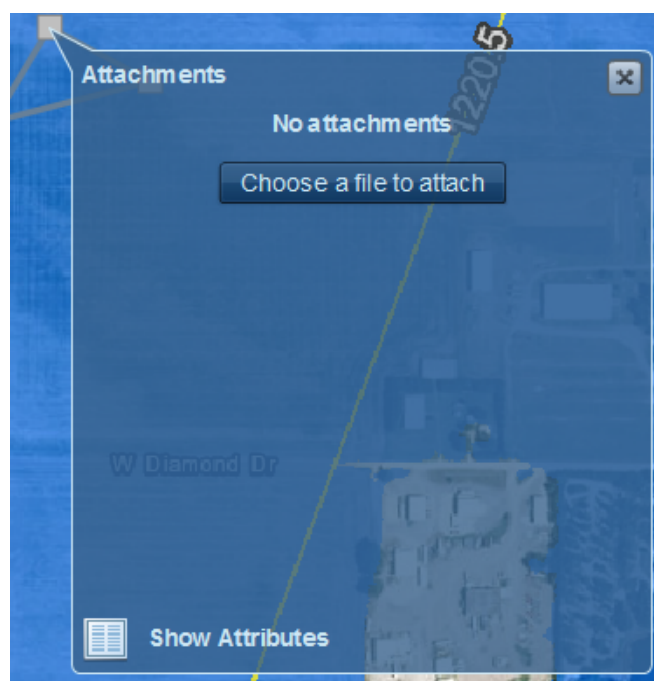
EMAIL

NAME

PHONE

Delete OK

Show Attachments



The 'Attachments' window is a semi-transparent overlay on a map. It displays the text 'No attachments' and a 'Choose a file to attach' button. At the bottom left, there is a 'Show Attributes' button with a document icon.

Attachments

No attachments

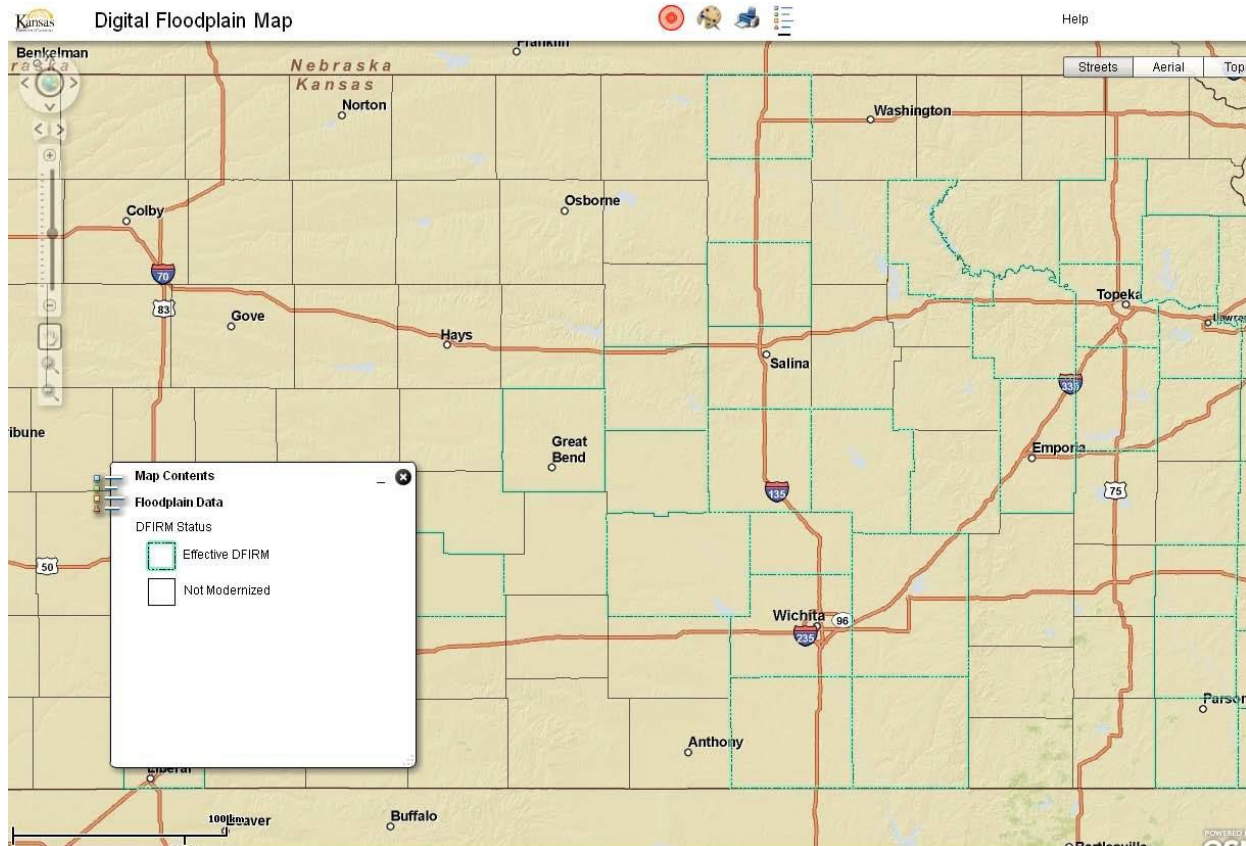
Choose a file to attach

Show Attributes

Digital Floodplain Map

<http://gis.kda.ks.gov/ksfloodplain>

The Kansas Digital Floodplain Map displays the floodplain boundaries for the portions of the state that have been modernized. Counties that do not have digital floodplain maps are not included. The counties that have digital flood maps available are outlined in cyan.



To view the floodplain boundaries for a particular area, zoom in to the area of interest. The following special flood hazard zones are depicted:

0.2 Pct Annual Chance Floodplain (also called the 500-year floodplain) & X Protected by Levee

A- Approximate A Zone (100-year floodplain, no hydraulic analyses done)

AE, AH, AO – Detailed study (100-year floodplain, hydraulic analyses used)

AE with Floodway – (100-year floodplain, hydraulic analyses used, floodway identified)

X, Unshaded – areas outside of the floodplain

Where they are available, the map also provides base flood elevations or base flood approximate elevations.

Letters of Map Change

<http://gis.kda.ks.gov/kslomc>

The Letters of Map Change map identifies properties that have been removed from the floodplain through a letter of map change issued by FEMA. KDA-DWR maintains a database of all LOMCs on file. The following types of LOMCs are included on the map:

CLOMR-F – Conditional Letter of Map Revision based on Fill

LOMA – Letter of Map Amendment

LOMA-DEN- LOMAs that have been denied

LOMA-FW – Letter of Map Amendment in a floodway

LOMA-OAS –Letter of Map Amendment Out as Shown

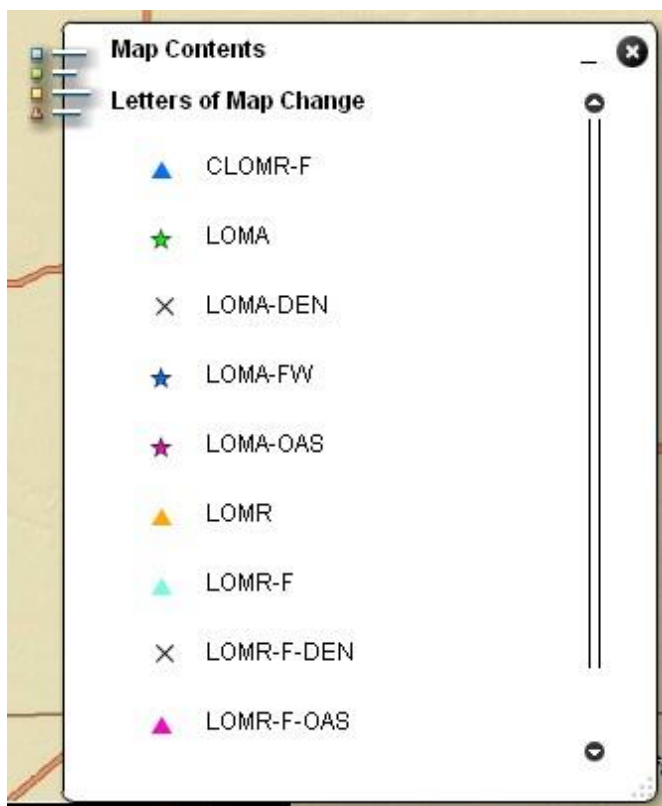
LOMR – Letter of Map Revision

LOMR-F – Letter of Map Revision based on Fill

LOMR-F-DEN- Letters of Map Revision based on Fill that have been denied LOMR-F-

OAS – Letter of Map Revision based on Fill Out as Shown

LOMR-FW- Letter of Map Revision based on Fill in a floodway

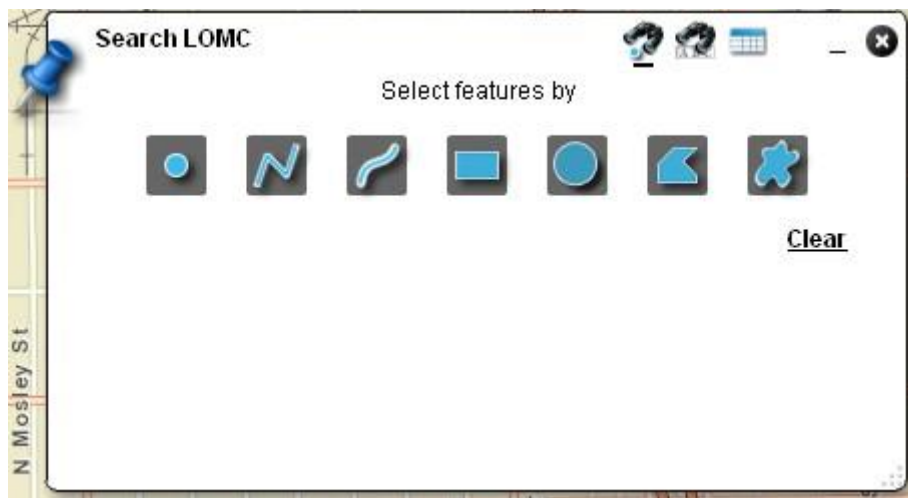


How to Locate a LOMC:

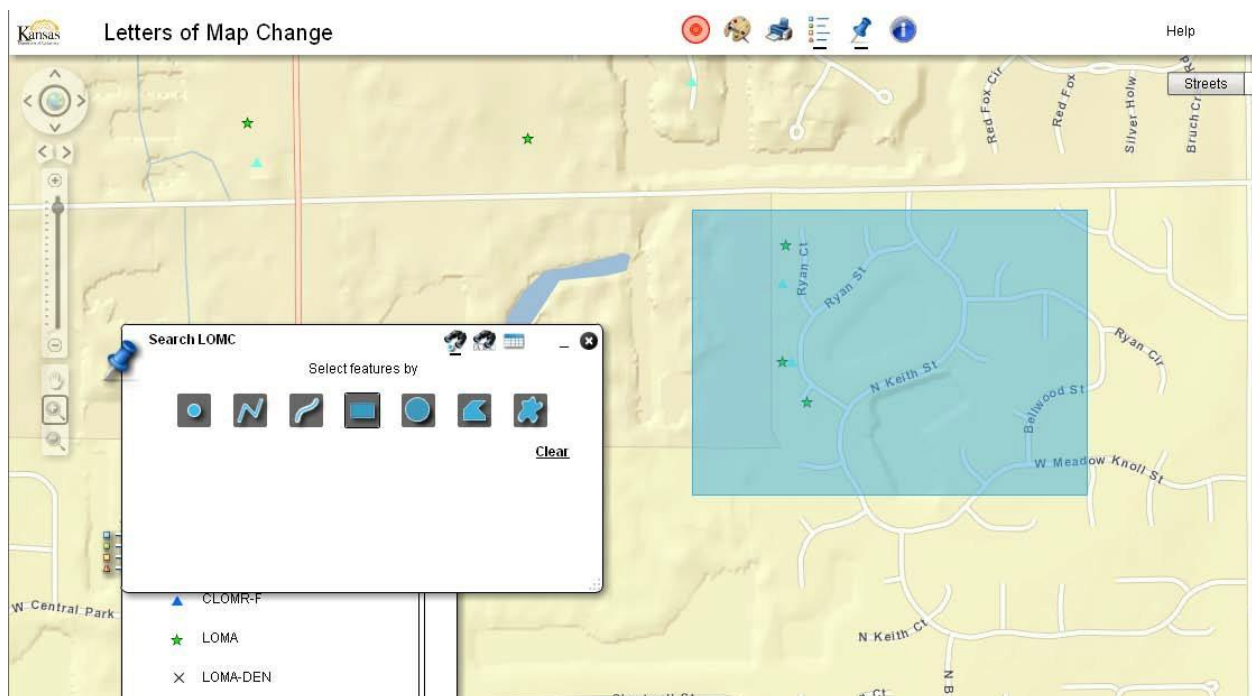
There are multiple options for locating a property that has a letter of map change on file. Users can search for a LOMC by location or case number, or by zooming in to a property and using the identify tool.



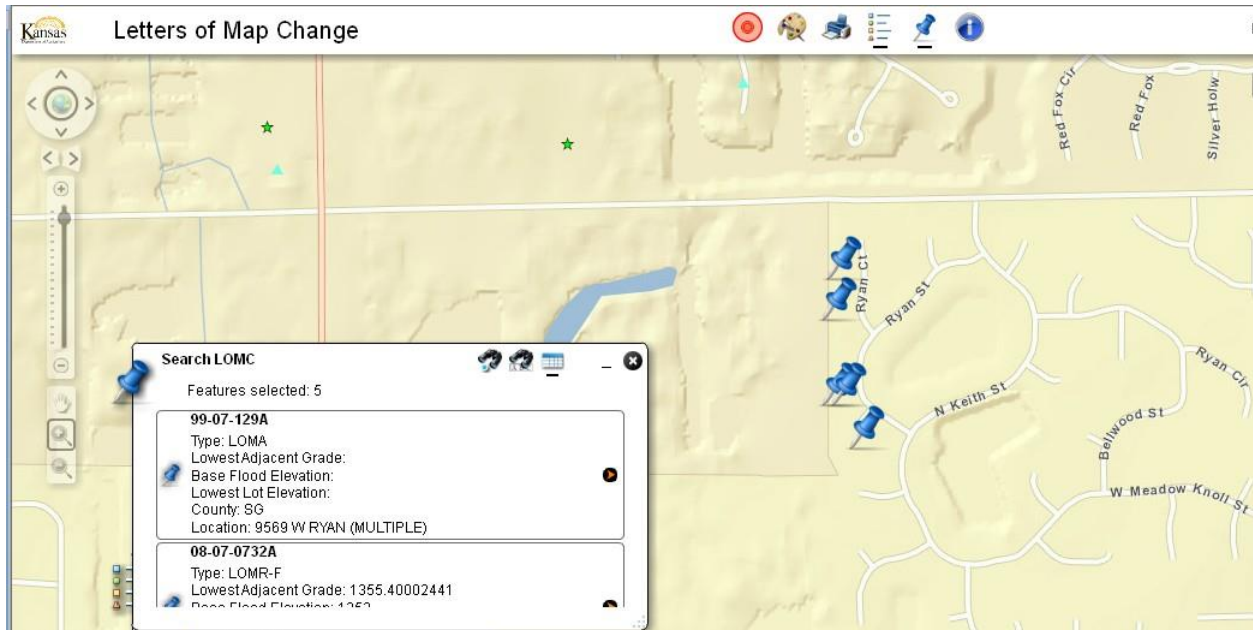
Click on the push pin in the toolbar to search for a LOMC.



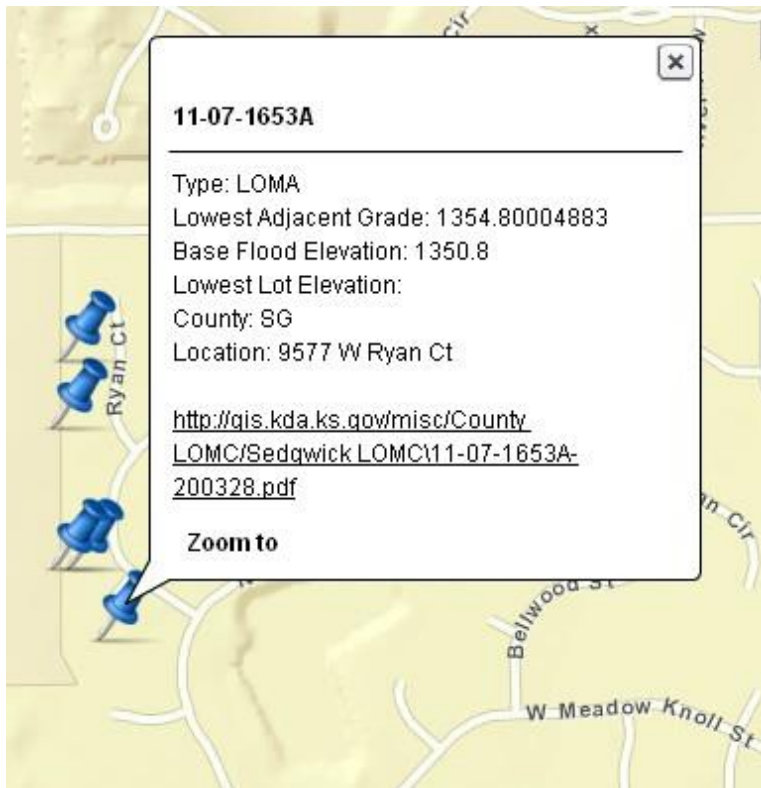
You can search for a LOMC by selecting a geographic area using the tools in the image above. For example, click on the square and then draw a square around an area on the map by clicking and holding the mouse as you draw a square.



Any LOMC within the shape drawn will be listed in a table in the search window. The LOMCs will also be identified with a push pin.



Hold the mouse over the desired point and a box will pop up giving information about the LOMC. To zoom in closer, click on "Zoom to." To view a PDF of the LOMC document, click the link in the box.



The document will open in a new window and can be saved or printed.

The screenshot shows a PDF document viewer with a toolbar at the top. The document is a LOMA (Letter of Map Amendment) form from the Federal Emergency Management Agency, dated May 06, 2011, with Case No. 11-07-1653A. The form is titled "LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)". It is divided into two main sections: "COMMUNITY AND MAP PANEL INFORMATION" and "LEGAL PROPERTY DESCRIPTION". The "COMMUNITY AND MAP PANEL INFORMATION" section includes the following details:

COMMUNITY AND MAP PANEL INFORMATION	
COMMUNITY	CITY OF WICHITA, SEDGWICK COUNTY, KANSAS
	COMMUNITY NO.: 200328
	NUMBER: 20173C0330E

The "LEGAL PROPERTY DESCRIPTION" section contains the following text:

Lot 30, Block 1, Bradford North, as shown on the Plat, recorded as Document No. 1510103, in the Office of the Register of Deeds, Sedgwick County, Kansas

To search for an LOMC by case number, click on the second set of binoculars in the search window.

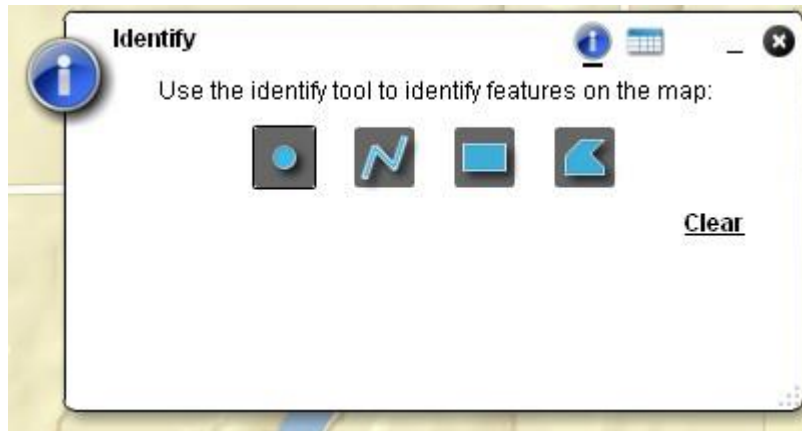
The screenshot shows a "Search LOMC" dialog box. The title bar says "Search LOMC". Below the title bar, there is a text input field with the placeholder text "Search by Case Number [Example: 10-07-1234A]". Below the input field are two buttons: "Search" and "Clear". A red arrow points to the second set of binoculars icon in the top right corner of the dialog box. The dialog box is set against a background of a map.

Enter the case number and click search. The map zooms to the case number.

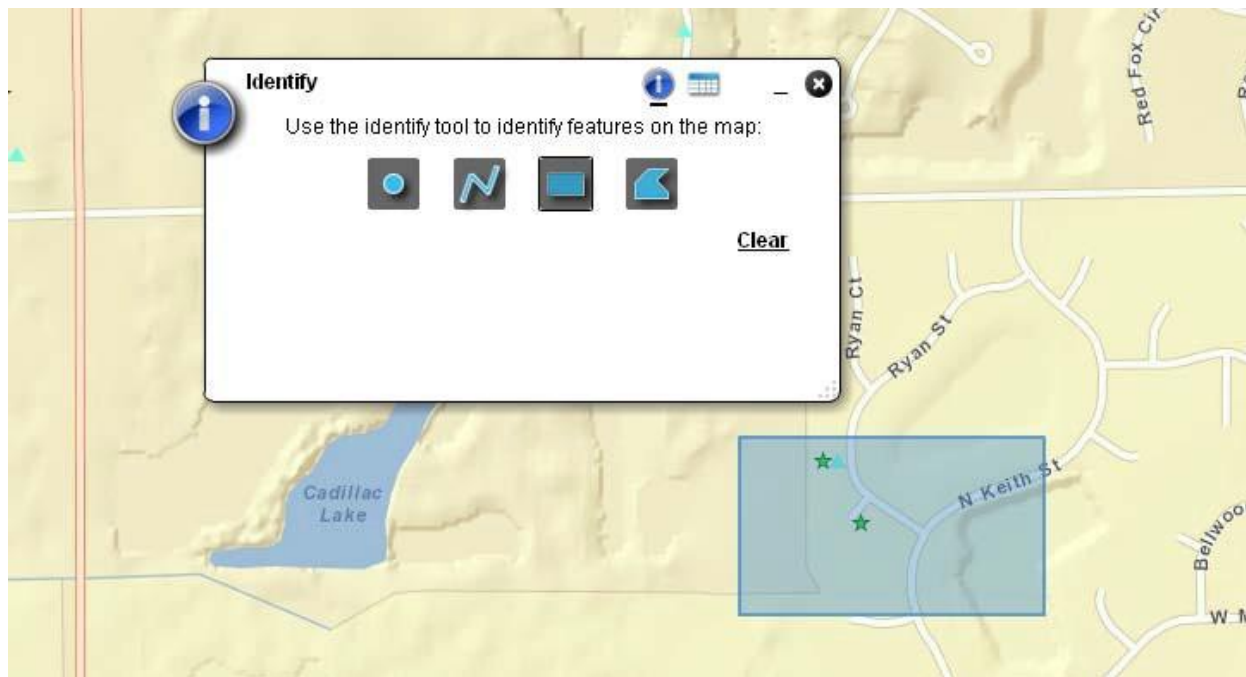


Click on the “i” in the toolbar to use the identify tool.

LOMCs can also be found using the identify tool. Zoom in to the area of interest. Select one of the tools in the identify window.



You can select points or draw a shape to select multiple points.



The LOMCs in the highlighted area will be selected. Click on one of the points and a popup will appear with information, and the option to zoom in or open the document in PDF format.

If you require additional assistance with any of the KDA-DWR web maps, please contact our office at 785-296-2513 or by email to tara.lanzrath@kda.ks.gov